WILEY InterScience®

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USER GUIDE

Home Page ..... Section 1.1
What's New ..... Section 1.2
Contact Us ..... Section 1.3
Become a Registered User ..... Section 1.4

Personal Home Page ..... Section 2.1
User Preferences ..... Section 2.2
License Sources ..... Section 2.3

Journal Finder ..... Section 3.1
Journal Home Pages ..... Section 3.2
Journal Content Pages ..... Section 3.3
MobileEdition ..... Section 3.4

Search Wiley InterScience ..... Section 4.1
All Product Search ..... Section 4.2

Book Finder ..... Section 5.1
Book Content Pages ..... Section 5.2

Reference Works ..... Section 6.1

FOR CUSTOMER ADMINISTRATORS

Licensing Options ..... Section 7.1
Basic Access License (BAL) ..... Section 7.2
Enhanced Access License (EAL) ..... Section 7.3
Roaming Access ..... Section 7.4
Article Select ..... Section 7.5
Usage Statistics ..... Section 7.6
Customer Account Administration .... Section 7.7

Section 1.1
HOME PAGE

Wiley InterScience features nearly 400 journals as well as key major reference works and select Wiley books in a feature-rich, Web-based presentation. You can browse tables of contents and article abstracts, or perform a search to find the content you need.

ABOUT WILEY INTERSCIENCE
Gives a basic overview of the content and services available, including a summary of license options and a short demo of features and navigation.

WHAT'S NEW
Highlights the latest additions to the service, as well as newsworthy articles and special offers.

BECOME A REGISTERED USER
A free, optional service that allows individuals to take advantage of the customized **Personal Home Page** research aids and content management tools.

LOGIN
Lets Registered Users enter the site with their username / password to access customized features.

CONTACT US
E-mail, phone, and mail contact information for Customer Service, Sales, and other key support staff.

TIP: Watch for announcements of new features or products.

PERSONAL HOME PAGE
The **Personal Home Page** is the home for all of the individual customized features of the service.

Once you have signed up as a Registered User, this page is automatically created for you.

***NOTE:** You must be logged in to use this page.*

JOURNAL FINDER
The starting point to locate a Wiley journal. All journals are listed by title, subject category, or special collection.

BOOK FINDER
Wiley InterScience now offers **OnlineBooks**, with subject-based libraries of Wiley print books that are re-purposed for online presentation.

Nearly 300 titles will be available in 2002.

SEARCH WILEY INTERSCIENCE
You can search the content on **Wiley InterScience** by inputting basic keywords or more targeted queries based on title, author, abstract text, funding agency, subject area, or publication date.

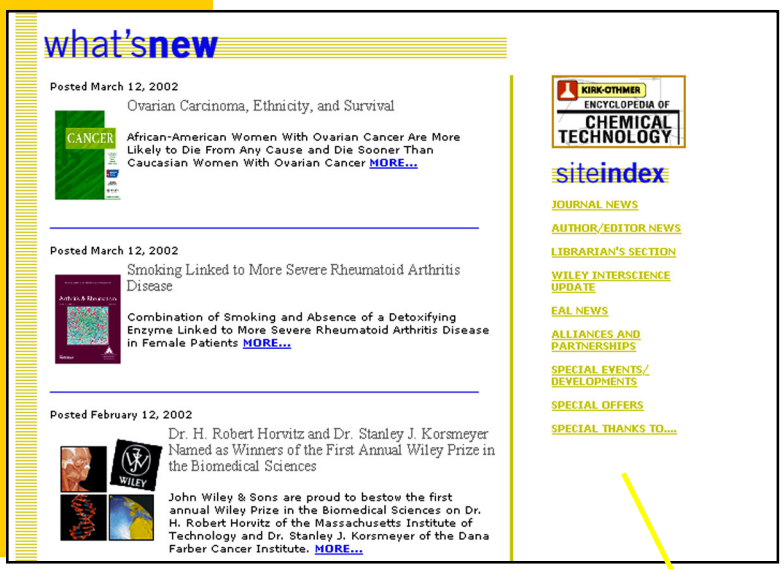
Specialized search screens also exist for online books and major reference works.

REFERENCE WORKS
Online editions of major, multi-volume references published by Wiley, including such acclaimed works as the **Kirk-Other Encyclopedia of Chemical Technology** and the **Current Protocols** lab manuals.

Section 1.2
WHAT'S NEW

What's New provides a quick way to review the latest products, services, publications, announcements, and newsworthy articles from **Wiley InterScience.**

Each item has a headline and short summary, with a link to a detailed "press-release" style description. Further links to original or supplementary material are included—as well as links to select full-text articles.

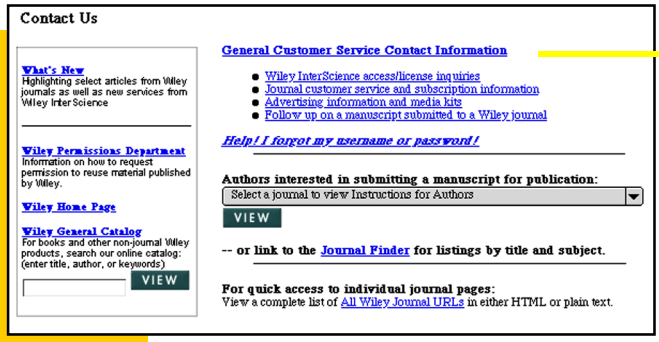

what's new
Posted March 12, 2002
Ovarian Carcinoma, Ethnicity, and Survival
African-American Women With Ovarian Cancer Are More Likely to Die From Any Cause and Die Sooner Than Caucasian Women With Ovarian Cancer MORE...
Posted March 12, 2002
Smoking Linked to More Severe Rheumatoid Arthritis Disease
Combination of Smoking and Absence of a Detoxifying Enzyme Linked to More Severe Rheumatoid Arthritis Disease in Female Patients MORE...
Posted February 12, 2002
Dr. H. Robert Horvitz and Dr. Stanley J. Korsmeyer Named as Winners of the First Annual Wiley Prize in the Biomedical Sciences
John Wiley & Sons are proud to bestow the first annual Wiley Prize in the Biomedical Sciences on Dr. H. Robert Horvitz of the Massachusetts Institute of Technology and Dr. Stanley J. Korsmeyer of the Dana Farber Cancer Institute. MORE...
KIRK-OTHMER ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY
siteindex
JOURNAL NEWS
AUTHOR/EDITOR NEWS
LIBRARIAN'S SECTION
WILEY INTERSCIENCE UPDATE
EAL NEWS
ALLIANCES AND PARTNERSHIPS
SPECIAL EVENTS/ DEVELOPMENTS
SPECIAL OFFERS
SPECIAL THANKS TO....

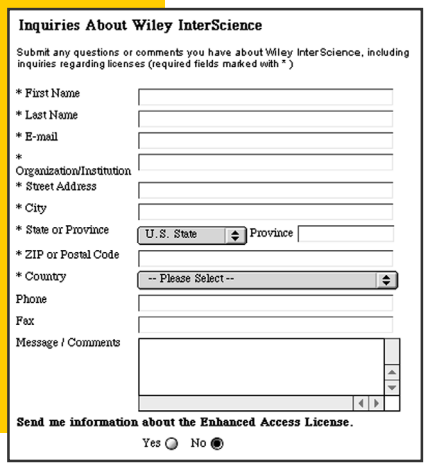
TIP: The "Site Index" provides access to an archive of all current and past items organized by category.

Section 1.3
CONTACT US

This page provides a variety of options for contacting **Wiley InterScience** for customer service, sales, technical support, or journal-specific information for authors, subscribers, or advertisers.

Individual web forms are available to help you direct certain types of inquiries. Just complete and submit the appropriate form and it is automatically routed to the correct department.


Contact Us
What's New
Highlighting select articles from Wiley journals as well as new services from Wiley InterScience
Wiley Permissions Department
Information on how to request permission to reuse material published by Wiley.
Wiley Home Page
Wiley General Catalog
For books and other non-journal Wiley products, search our online catalog: (enter title, author, or keywords)
VIEW
General Customer Service Contact Information
Wiley InterScience access/license inquiries
Journal customer service and subscription information
Advertising information and media kits
Follow up on a manuscript submitted to a Wiley journal
Help! I forgot my username or password!
Authors interested in submitting a manuscript for publication:
Select a journal to view Instructions for Authors
VIEW
-- or link to the Journal Finder for listings by title and subject.
For quick access to individual journal pages:
View a complete list of All Wiley Journal URLs in either HTML or plain text.



TIP: The link "General Customer Service" displays all worldwide **Wiley InterScience** phone, fax, mail and e-mail addresses.

Section 1.4

BECOME A REGISTERED USER

To become a Registered User, you will have to agree to our online "Terms and Conditions of Use" (click "I Accept" at the bottom of the page), then complete an online registration form. You will need to choose a username and password and provide some basic information about yourself (name, e-mail, country, area of interest, etc.)

Wiley InterScience Preferences

When registering, you will also be asked to specify a few simple preferences related to how you plan to access the system:

1. **Fast Track Login:**
   This stores your username and password on your computer as a "cookie." NOTE: If you use a shared or public access machine, select "No"— or other users will be able to access your account.
2. **Starting Page:**
   You can choose where you will be automatically directed when you login to **Wiley InterScience**. You can select either your ***Personal Home Page*** (automatically created when you register), or the ***Journal Finder***.

   You may change these preferences at any time from your Personal Home Page.

Customer Notification

A **YES / NO** option to specify if you would like to receive e-mail announcements of new Wiley publications or services in your stated area of interest.

This information is used by Wiley only and is never shared with any third party. Note that this update service is separate from other e-mail alerting services offered by Wiley, which you may subscribe or unsubscribe to independent of your status as a **Wiley InterScience** registrant.

To change your **Wiley InterScience** notification option, e-mail address, or subject preference at any time, go to: **interscience.wiley.com/user**

Registered Users of **Wiley InterScience** can enjoy a number of custom services to help them best utilize the site. Registration is optional and available free of charge. The key features available to Registered Users include:

- **Personal Home Page** functions...
  - Content Alerts
  - Hot Journals
  - Hot Articles
  - Saved Queries
  - License Sources
- **Online Sample Copies**
- **Online Trial Subscriptions**.

TIP: Multiple Registrations...

If you wish, you may maintain multiple, separate registrations with **Wiley InterScience**. You may do so provided each registration has a unique username (e.g., "joe_user1"; "joe_user2" etc.). This approach may be valuable if want to use different accounts for work and home, or different ongoing research projects.

If you registered for **Wiley InterScience** more than once unintentionally or because you forgot your username, those registrations will remain in the system unless you expressly request their deletion. You may continue to receive alerts or product announcements via those accounts.

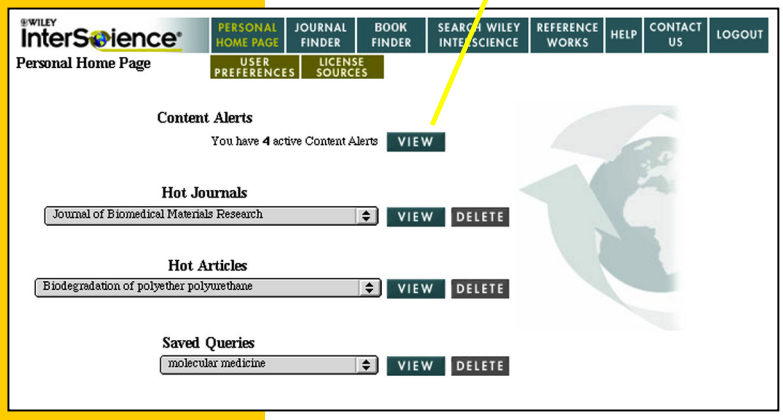
To request a registered user account be deleted, complete this online form with as much information as possible: **interscience.wiley.com/deregister**

Section 2.1

PERSONAL HOME PAGE

A **Personal Home Page** is automatically created for every Registered User as a place to store custom information to help with your research.

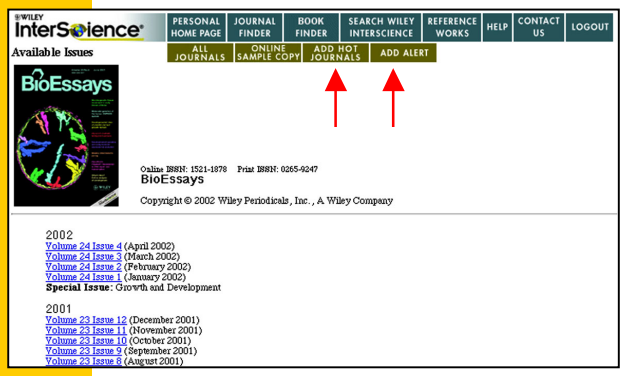
TIP: View your Alerts to unsubscribe, change your e-mail address, or choose Text or HTML format.



Buttons on "Available Issues" pages that add items to the Personal Home Page

Alerts

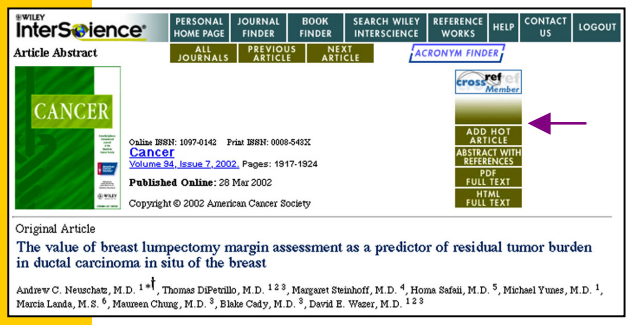
Allows you to receive tables of contents via e-mail for any journal on **Wiley InterScience** as soon as it is published online, regardless of whether or not you subscribe to the journal. To add an Alert, go to any journal's "Available Issues" page and click the ***Add Alert*** button.



Hot Journals

Also on each journal's "Available Issues" page is a button to ***Add Hot Journals*** which automatically places that title in the pull-down list on your Personal Home Page.

The Add Hot Article button on an "Article Abstract" page.



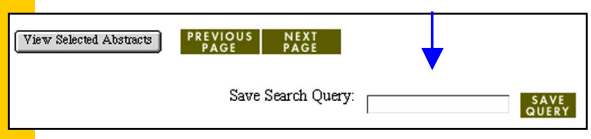
Hot Articles

Every "Article Abstract" page has an ***Add Hot Article*** button to include it on your Personal Home Page list.

Saved Queries

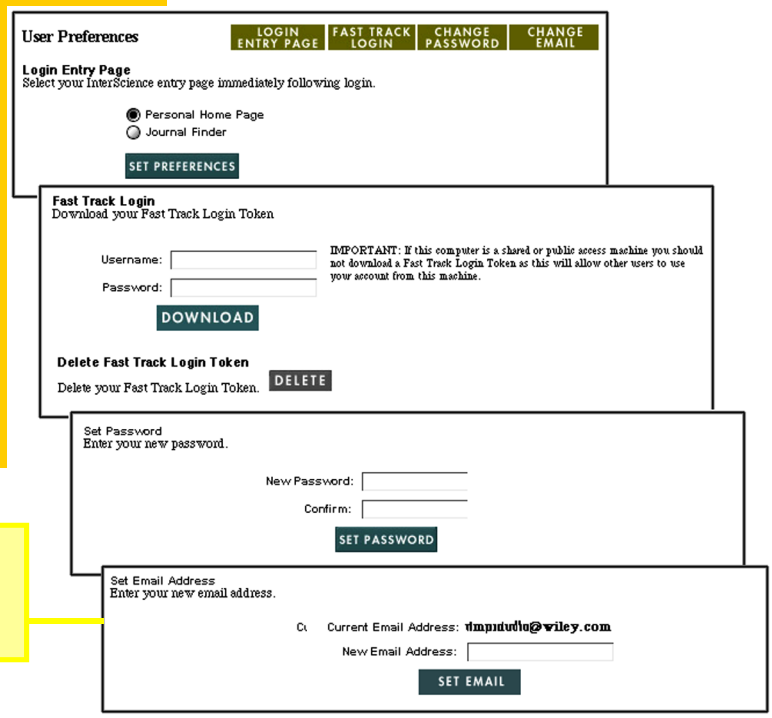
At the bottom of every Search Results page is an input where you can save the query terms of any Search you run on **Wiley InterScience**. You can then run the query directly from the Personal Home Page to see the latest results—of edits its term for later use.

Save Query input on a "Search Results" page.



Section 2.2
USER PREFERENCES

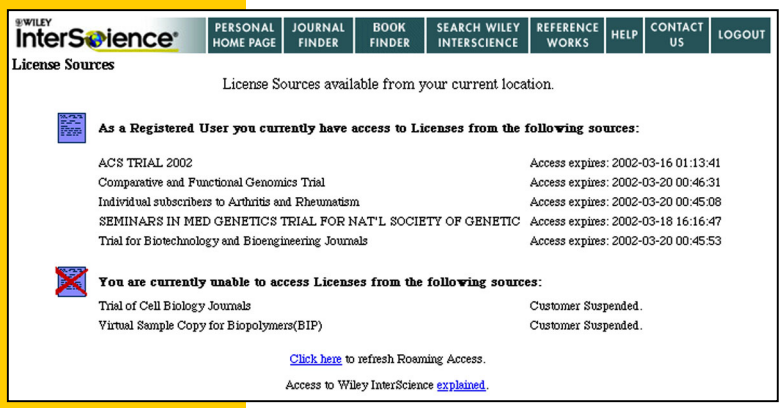
The **User Preferences** button on the Personal Home page calls up a series of screens allowing you to choose your **Login Entry Page,** download or delete a **Fast Track Login** token, or change your password or e-mail.



TIP: You can change your e-mail address under Preferences and it will also apply to the e-mail address used for Alerts.

Section 2.3
LICENSE SOURCES

The **License Sources** page shows the current licenses under which you can access content based on you computer's IP address and login status.


InterScience
PERSONAL HOME PAGE
JOURNAL FINDER
BOOK FINDER
SEARCH WILEY INTERSCIENCE
REFERENCE WORKS
HELP
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License Sources
License Sources available from your current location.
As a Registered User you currently have access to Licenses from the following sources:
ACS TRIAL 2002 Access expires: 2002-03-16 01:13:41
Comparative and Functional Genomics Trial Access expires: 2002-03-20 00:46:31
Individual subscribers to Arthritis and Rheumatism Access expires: 2002-03-20 00:45:08
SEMINARS IN MED GENETICS TRIAL FOR NAT'L SOCIETY OF GENETIC Access expires: 2002-03-18 16:16:47
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- You are within the IP range of an institutional customer (e.g., a university or corporate library)
- You have an active personal online subscription to a specific Wiley journal
- You have signed up for online trial access to select content or have requested an online sample copy of a journal.

What is a License? A License is an agreement where a customer is permitted to access content on the system, and may be based on a paid subscription or a complementary arrangement.

Section 3.1
JOURNAL FINDER

The **Journal Finder** allows you locate Wiley's online journals by title, subject category, or special collection. You can list journals alphabetically, or click on a subject header to see titles in that area.

Search Journal Title lets you input a portion of a known journal title to quickly get to that publication.

When you retrieve a list of journals, there are typically three links for each:

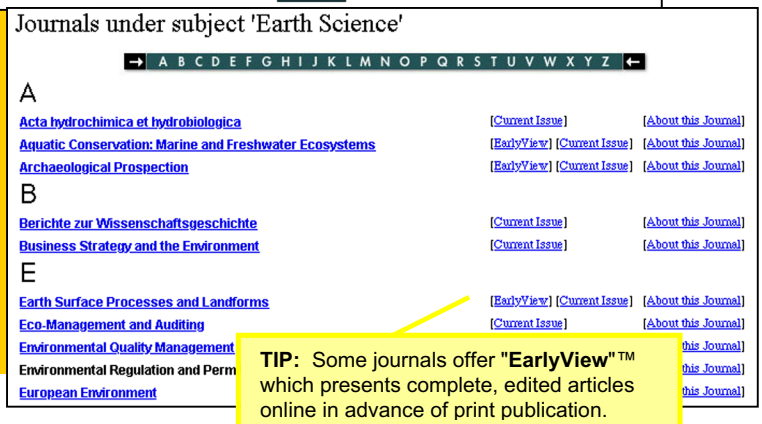
Journal Title - links to all available issues currently online.

Current Issue - shows the table of contents for the most recent issue.

About the Journal - goes to a home page with a general description, editorial board, subscription info, etc.

TIP: You can instantly get a list of all online journal URLs in text or HTML format to export for use on your library site.

TIP: Just type any portion of a journal title to locate a know publication.


Journals under subject 'Earth Science'
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
A
Acta hydrochimica et hydrobiologica [Current Issue] [About this Journal]
Aquatic Conservation: Marine and Freshwater Ecosystems [EarlyView] [Current Issue] [About this Journal]
Archaeological Prospection [EarlyView] [Current Issue] [About this Journal]
B
Berichte zur Wissenschaftsgeschichte [Current Issue] [About this Journal]
Business Strategy and the Environment [Current Issue] [About this Journal]
E
Earth Surface Processes and Landforms [EarlyView] [Current Issue] [About this Journal]
Eco-Management and Auditing [Current Issue] [About this Journal]
Environmental Quality Management
Environmental Regulation and Perm
European Environment

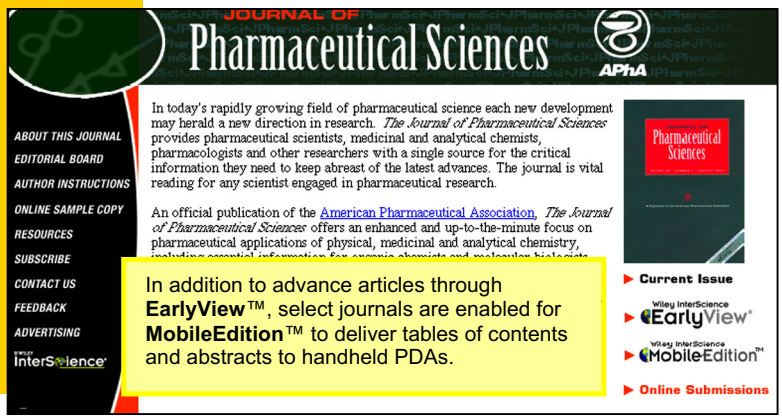
TIP: Some journals offer **"EarlyView"™** which presents complete, edited articles online in advance of print publication.

Section 3.2
JOURNAL HOME PAGE

This page has detailed information about the journal, such as:

- aims and scope
- editorial board
- instructions for authors
- how to subscribe
- advertising rates
- affiliated societies
- supplementary material
- links to online content.

Sample of a Journal Home Page


JOURNAL OF
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AUTHOR INSTRUCTIONS
ONLINE SAMPLE COPY
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In today's rapidly growing field of pharmaceutical science each new development may herald a new direction in research. The Journal of Pharmaceutical Sciences provides pharmaceutical scientists, medicinal and analytical chemists, pharmacologists and other researchers with a single source for the critical information they need to keep abreast of the latest advances. The journal is vital reading for any scientist engaged in pharmaceutical research.
An official publication of the American Pharmaceutical Association, The Journal of Pharmaceutical Sciences offers an enhanced and up-to-the-minute focus on pharmaceutical applications of physical, medicinal and analytical chemistry,
Current Issue
Wiley InterScience EarlyView
Wiley InterScience MobileEdition™
Online Submissions

In addition to advance articles through **EarlyView™**, select journals are enabled for **MobileEdition™** to deliver tables of contents and abstracts to handheld PDAs.

Section 3.3
JOURNAL CONTENT PAGES

Available Issues
This page lists all the issues currently online for a particular journal. Each link pulls up the table of contents for a specific issue.

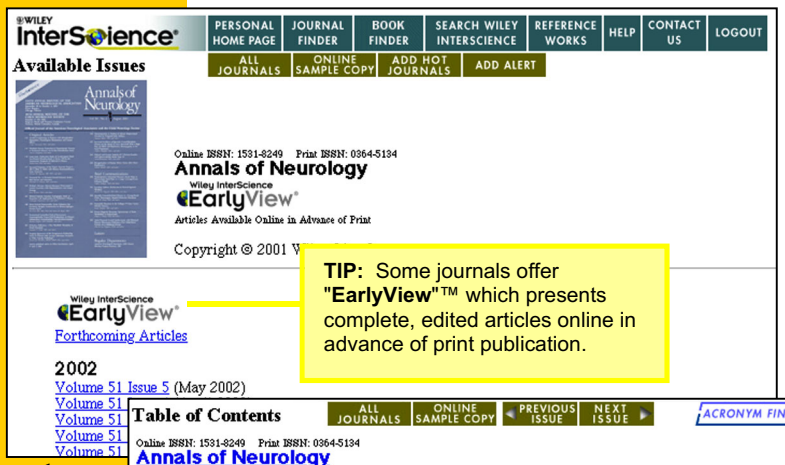
Table of Contents
Shows all articles in an issue, with links to the Abstract and Full Text for each.

"**Previous**" and "**Next Issue**" buttons will allow you to quickly go through the tables of contents for different issues in sequence.

"**Online Sample Copy**" button will allow you to access a selected sample issue online of the journal. NOTE: You must be a Registered User and logged in to use this feature.

Article Abstracts and References
Abstracts are presented in HTML for convenient online reading. Full text articles linked from the abstract page are offered in PDF to facilitate high-quality printouts. Select journals also offer full-text HTML format.

References for each article are also presented in HTML to allow for citation linking. **Wiley InterScience** is a member of ***CrossRef***®, an multi-publisher reference linking system connecting references in a journal article to the cited publication, even if located on a different server from a different publisher.



TIP: Some journals offer "**EarlyView**"™ which presents complete, edited articles online in advance of print publication.

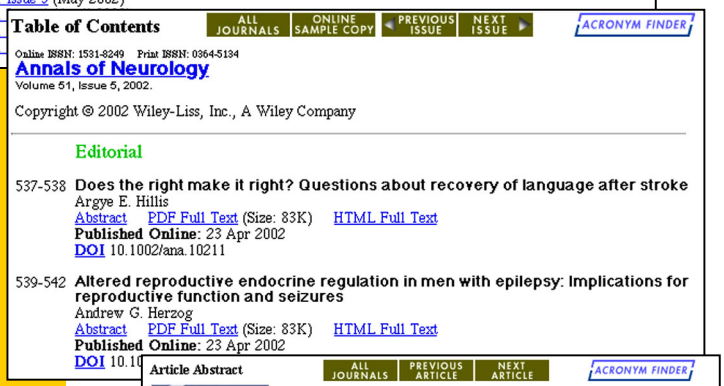


Table of Contents
ALL JOURNALS
ONLINE SAMPLE COPY
PREVIOUS ISSUE
NEXT ISSUE
ACRONYM FINDER
Online ISSN: 1531-8249 Print ISSN: 0364-5134
Annals of Neurology
Volume 51, Issue 5, 2002.
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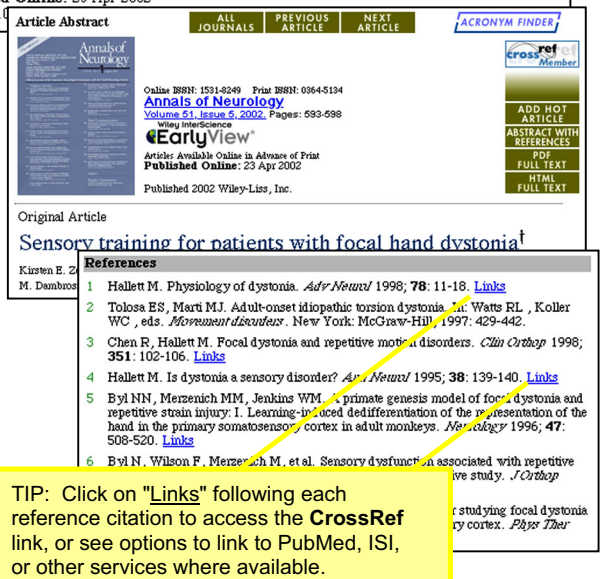
Editorial
537-538 Does the right make it right? Questions about recovery of language after stroke
Argye E. Hillis
Abstract PDF Full Text (Size: 83K) HTML Full Text
Published Online: 23 Apr 2002
DOI 10.1002/ana.10211
539-542 Altered reproductive endocrine regulation in men with epilepsy: Implications for reproductive function and seizures
Andrew G. Herzog
Abstract PDF Full Text (Size: 83K) HTML Full Text
Published Online: 23 Apr 2002


Article Abstract
ALL JOURNALS
PREVIOUS ARTICLE
NEXT ARTICLE
ACRONYM FINDER
Online ISSN: 1531-8249 Print ISSN: 0364-5134
Annals of Neurology
Volume 51, Issue 5, 2002. Pages: 593-598
EarlyView
Articles Available Online in Advance of Print
Published Online: 23 Apr 2002
Published 2002 Wiley-Liss, Inc.
ADD HOT ARTICLE
ABSTRACT WITH REFERENCES
PDF FULL TEXT
HTML FULL TEXT
Original Article
Sensory training for patients with focal hand dystonia
References
1 Hallett M. Physiology of dystonia. Adv Neurol 1998; 78: 11-18. Links
2 Tolosa ES, Marti MJ. Adult-onset idiopathic torsion dystonia. In: Watts RL, Koller WC, eds. Movement disorders. New York: McGraw-Hill, 1997: 429-442.
3 Chen R, Hallett M. Focal dystonia and repetitive motion disorders. Clin Orthop 1998; 351: 102-106. Links
4 Hallett M. Is dystonia a sensory disorder? Ann Neurol 1995; 38: 139-140. Links
5 Byl NN, Merzenich MM, Jenkins WM. A primate genesis model of focal dystonia and repetitive strain injury: I. Learning-induced dedifferentiation of the representation of the hand in the primary somatosensory cortex in adult monkeys. Neurology 1996; 47: 508-520. Links
6 Byl N, Wilson F, Merzenich M, et al. Sensory dysfunction associated with repetitive

TIP: Click on "Links" following each reference citation to access the **CrossRef** link, or see options to link to PubMed, ISI, or other services where available.

About CrossRef: Operated by the non-profit, independent Publishers International Linking Association, Inc. (PILA), **CrossRef** functions as a sort of digital switchboard. It holds no full text content, but effects linkages through Digital Object Identifiers (DOI), which are tagged to article metadata supplied by participating publishers. A user clicking on a link will be connected to the publisher's website showing a full bibliographical citation of the article, and, in most cases, the abstract as well.
Wiley InterScience also has linking arrangements with several major abstracting and indexing services, including PubMed, ISI-Web of Science®, and Chemical Abstracts, to name a few.

Section 3.4
MOBILE EDITION

Wiley InterScience MobileEdition allows PDA users to keep up to date with the latest from some of Wiley's most prestigious journals. Using free software from AvantGo®, the leader in Web information delivery for most popular handheld formats, you can sign up to receive table of contents and full abstracts every time you HotSync your device.

Wiley journals offering MobileEdition

Cancer Research
- Genes, Chromosomes & Cancer
- Molecular Carcinogenesis

Genetics
- Environmental and Molecular Mutagenesis

Hematology
- American Journal of Hematology

Imaging
- Journal of Magnetic Resonance Imaging
- Magnetic Resonance in Medicine

Neurology
- Annals of Neurology
- Movement Disorders

Neuroscience
- Muscle & Nerve

Oncology
- Cancer / Cancer Cytopathology
- Head & Neck
- International Journal of Cancer
- Journal of Surgical Oncology
- Medical and Pediatric Oncology
- Seminars in Surgical Oncology
- The Prostate

Pharmaceutical and Medical Chemistry
- Journal of Pharmaceutical Sciences

Pulmonology
- Pediatric Pulmonology

Rheumatology
- Arthritis & Rheumatism / Arthritis Care & Research

Surgery
- Lasers in Surgery and Medicine

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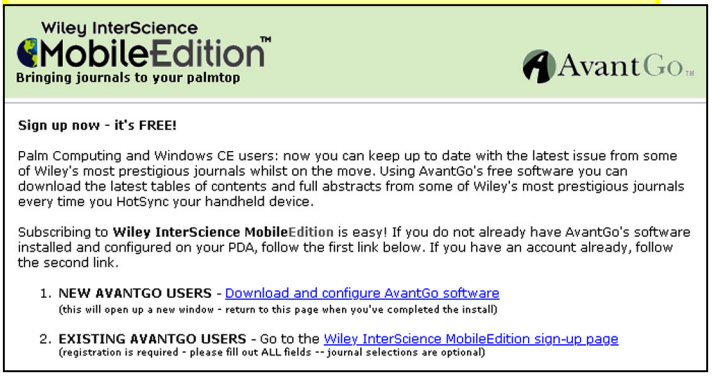
To sign up for MobileEdition:
- Click on the link on the home page of any Wiley journal offering **MobileEdition** to go to the sign-up page.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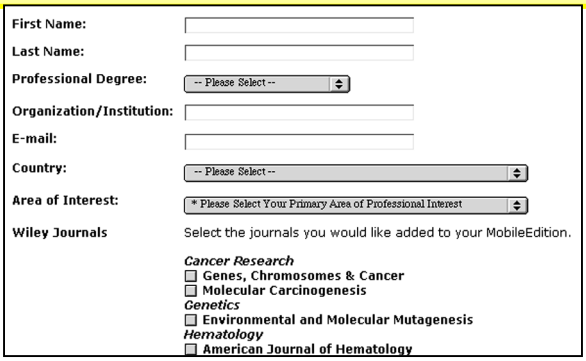
Subscribing to Wiley InterScience MobileEdition is easy! If you do not already have AvantGo's software installed and configured on your PDA, follow the first link below. If you have an account already, follow the second link.
1. NEW AVANTGO USERS - Download and configure AvantGo software
(this will open up a new window - return to this page when you've completed the install)
2. EXISTING AVANTGO USERS - Go to the Wiley InterScience MobileEdition sign-up page
(registration is required - please fill out ALL fields -- journal selections are optional)

- From there, if you do not have the free AvantGo software, you can download it and create your account.

AvantGo
SETUP CHECKLIST
DOWNLOAD
INSTALL
CREATE ACCOUNT
CONFIGURE
SYNCHRONIZE
SOFTWARE SETUP
AvantGo is a free interactive service!
Sign up today to begin taking advantage of Web access from your Windows CE, Pocket PC, or Palm device.
Click the New Users button below to get AvantGo software and set up an account.
Important Information:
System requirements
NEW USERS CLICK HERE
Already have the AvantGo software? Click here to set up an account without downloading software.

- Once you've installed and configured the easy-to-use AvantGo software, you'll be directed back to **Wiley InterScience** to finish the sign-up process and select individual journals you would like to receive via MobileEdition. The next time you sync your device, you will receive tables of contents and abstracts from the current issue of the selected journals You can change your journal choices at any time right on your handheld and the change will be activated when you sync.



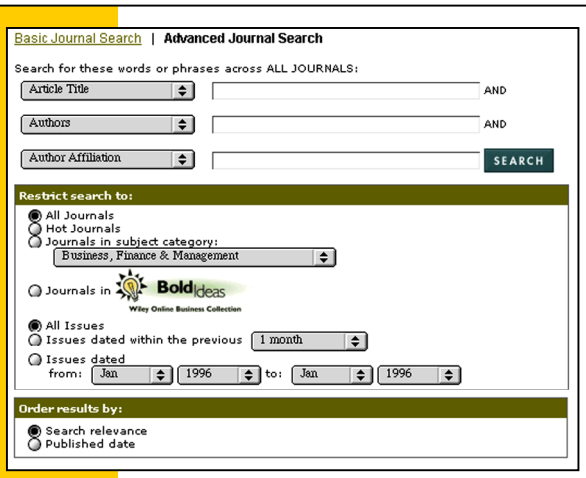
Section 4.1

SEARCH WILEY INTERSCIENCE

Wiley InterScience has a multi-level Search function that allows you to locate specific journal articles, or sections in online reference works or online books. The default is the **Basic Journal Search**, with a single input for any key words or terms.

An **Advanced Journal Search** gives you multiple input fields related by a default Boolean AND so you can craft more detailed searches targeting:

- Title
- Author
- Author Affiliation
- Keyword
- Abstract
- Funding Agency



Both the **Basic** and the **Advanced Journal Search** functions allow you to specify parameters to restrict your search to:

- All journals
- Hot Journals (i.e., those you have pre-selected as "Hot Journals" on your **Wiley InterScience** Personal Home Page)
- Journals in these main subject areas:
  - *Business, Finance & Management*
  - *Chemistry*
  - *Computer Science*
  - *Earth Science*
  - *Education*
  - *Engineering*
  - *Law*
  - *Life and Medical Sciences*
  - *Mathematics and Statistics*
  - *Physics*
  - *Psychology*
- All journals available online, or only those published within a certain time frame.

Basic and the **Advanced Search** results can be sorted by:

- Search Relevance
- Publication Date

TIP: Multiple words entered in a single search input are seen as exact phrases—e.g., prostate cancer.

You can also use standard Boolean syntax to clarify your search—e.g., prostate AND cancer, or prostate AND hyperplasia NOT cancer.

Section 4.2

ALL PRODUCT SEARCH

TIP: Click on **Important Search Notes** for examples of how to construct complex searches for more focussed results, as well as details on search syntax exceptions that might apply to individual reference works.

Wiley InterScience online content includes several different types of products, specifically:

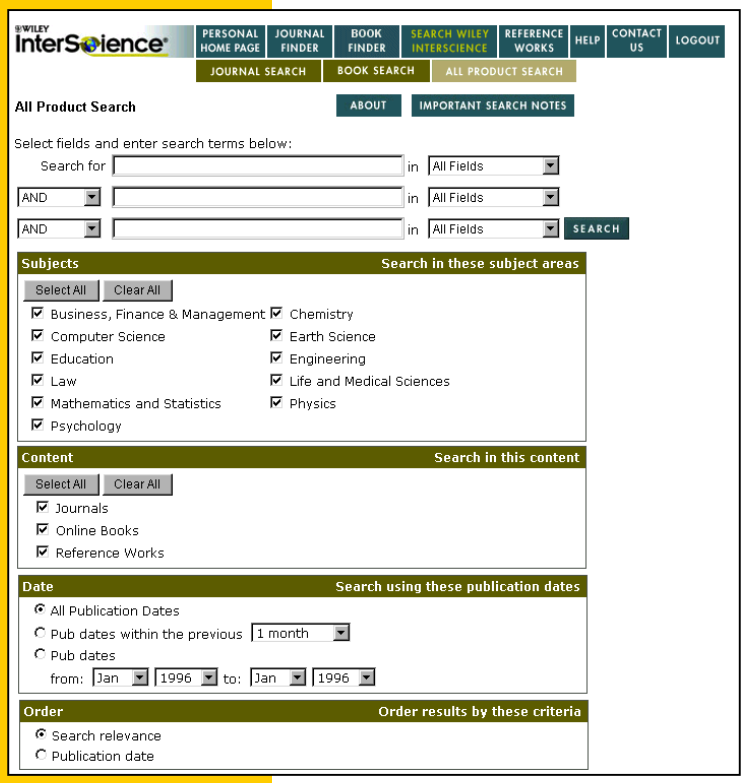
- Journals
- Reference works
- Online Books

All of these can be searched simultaneously using the **All Product Search.**

Using the options on this screen, you can target a search to any combination of subject areas and product types. Multiple search inputs can be related by selectable AND / OR / NOT Boolean operators and can be designated to target fields common to most **Wiley InterScience** products:

- Full Text / Abstracts
- Titles
- Authors

Searches can also be limited by publication dates, and results sorted by relevance or pub dates.



All Product Search Results

Search results for each different product type are displayed on separate pages. Navigate to each result set by clicking the tabbed links for Journals, Online Books, or Reference Works.

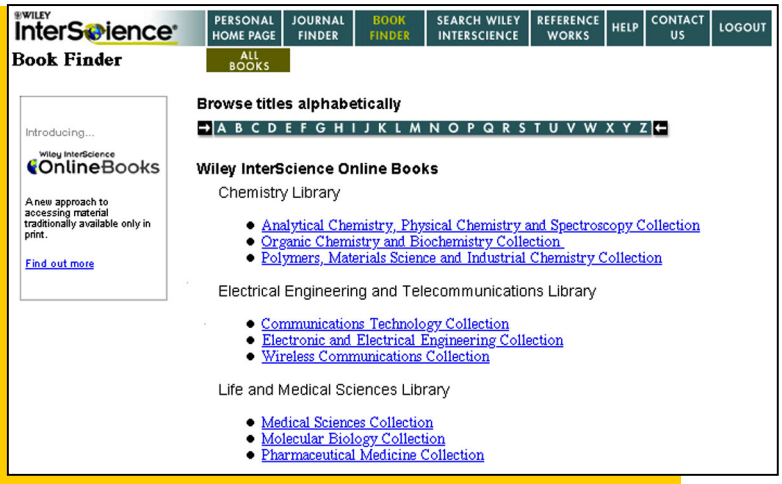
Note that because of the distinct format of content in certain reference works, search results for these must currently be displayed on stand-alone screens.

You searched for computational biology IN All Fields and in all subjects.
Journals
Online Books
Reference Works
Current Protocols
EROS
Ullmann's
(Some Reference Works are dealt with separately because of the different nature of their content. They will be integrated in the future.)
116 documents found out of 242779 documents searched.
Result Page 1
NEXT PAGE
Page 2
Goto Page
1. Principles of docking: An overview of search algorithms and a guide to scoring functions
Inbal Halperin, Buyong Ma, Haim Wolfson, Ruth Nussinov
Proteins: Structure, Function, and Genetics
Volume: 47, Issue: 4, Date: 1 June 2002, Pages: 409-443
Abstract PDF Full Text (Size: 2460K) HTML Full Text Score: 0.80
2. Exact algorithms for minimum routing cost trees
Matteo Fischetti, Giuseppe Lancia, Paolo Serafini
Networks
Volume: 39, Issue: 3, Date: May 2002, Pages: 161-173
Abstract PDF Full Text (Size: 262K) Score: 0.80
3. Thermal unfolding molecular dynamics simulation of Escherichia coli dihydrofolate reductase:
Yuk Yin Sham, Buyong Ma, Chung-Jung Tsai, Ruth Nussinov
Proteins: Structure, Function, and Genetics
Volume: 46, Issue: 3, Date: 15 February 2002, Pages: 308-320
Abstract PDF Full Text (Size: 488K) HTML Full Text Score: 0.80
4. Dynamics of large proteins through hierarchical levels of coarse-grained structures
Pemra Doruker, Robert L. Jernigan, Ivet Bahar
Journal of Computational Chemistry
Volume: 23, Issue: 1, Date: 15 January 2002, Pages: 119-127
Abstract PDF Full Text (Size: 332K) HTML Full Text Score: 0.80
5. Structured disorder and conformational selection
Chung-Jung Tsai, Buyong Ma, Yuk Yin Sham, Sandeep Kumar, Ruth Nussinov

See also:
Section 5.1 - Book Finder

Section 5.1
BOOK FINDER

Wiley InterScience now offers **OnlineBooks**, subject-based libraries of Wiley print books re-purposed for web-based presentation. Nearly 300 titles will be available in 2002. It is an extensive database of scientific, technical, and medical content, featuring the same broad searching capabilities, subject categorization, and logical interface familiar to all **Wiley InterScience**.


InterScience
PERSONAL HOME PAGE
JOURNAL FINDER
BOOK FINDER
SEARCH WILEY INTERSCIENCE
REFERENCE WORKS
HELP
CONTACT US
LOGOUT
Book Finder
ALL BOOKS
Introducing...
OnlineBooks
A new approach to accessing material traditionally available only in print.
Find out more
Browse titles alphabetically
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Wiley InterScience Online Books
Chemistry Library
Analytical Chemistry, Physical Chemistry and Spectroscopy Collection
Organic Chemistry and Biochemistry Collection
Polymers, Materials Science and Industrial Chemistry Collection
Electrical Engineering and Telecommunications Library
Communications Technology Collection
Electronic and Electrical Engineering Collection
Wireless Communications Collection
Life and Medical Sciences Library
Medical Sciences Collection
Molecular Biology Collection
Pharmaceutical Medicine Collection

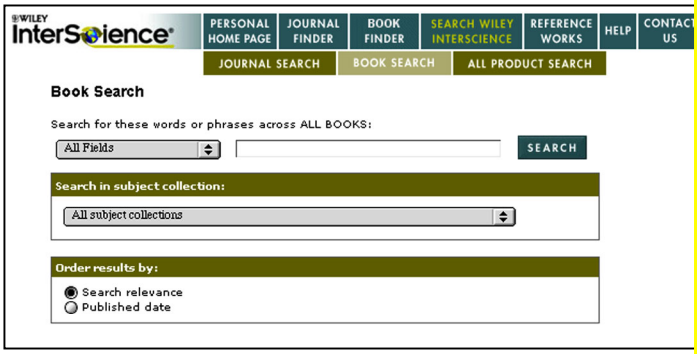
Tables of contents and chapter summaries are freely available, while the full-text of chapters (presented in PDF) are available only to customers with licensed access to a given collection.

OnlineBooks are presented in nine collections, organized under three subject libraries:

Chemistry Library
- Analytical Chemistry, Physical Chemistry and Spectroscopy Collection
- Organic Chemistry and Biochemistry Collection
- Polymers, Materials Science and Industrial Chemistry

Electrical Engineering and Telecommunications Library
- Communications Technology Collection
- Electronic and Electrical Engineering Collection
- Wireless Communications Collection

Life and Medical Sciences Library
- Medical Sciences Collection
- Molecular Biology Collection
- Pharmaceutical Medicine Collection



BOOK SEARCH:

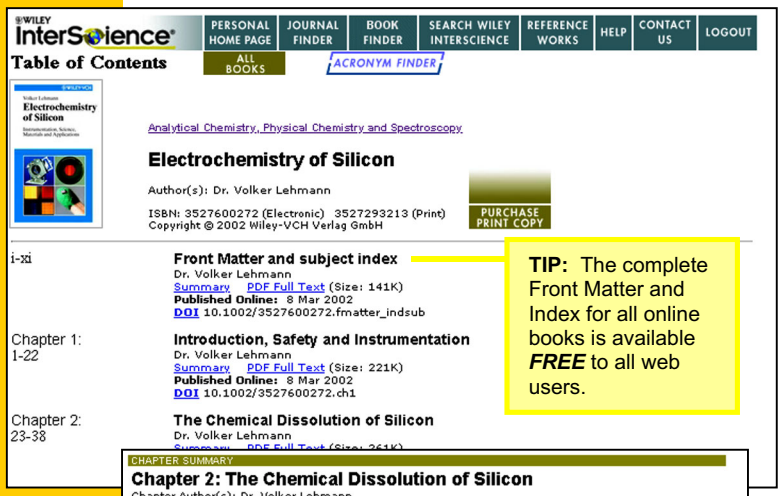
This is a dedicated search screen for Wiley's online books only. It allows you locate content based on:

- Chapter Title
- Author/Editor(s)
- Keywords
- Chapter Summary

You can target all collections on line, or choose only a specific one—and sort results by pub date or relevance.

Section 5.2
ONLINE BOOK CONTENT PAGES

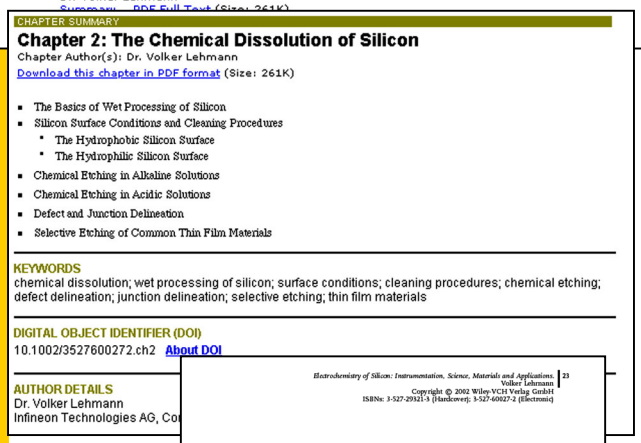
OnlineBooks on **Wiley InterScience** are presented with the same, familiar interface used for online journals.



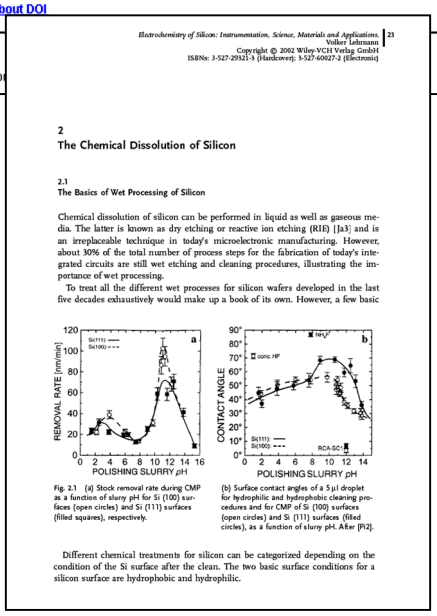
TIP: The complete Front Matter and Index for all online books is available ***FREE*** to all web users.

Table of Contents
Shows each chapter in the book with links to a free chapter summary and the full text in PDF.

The "**Purchase Print Copy**" button will direct you to the Wiley online catalog site, where you can order a standard, hardcover copy of the book.


CHAPTER SUMMARY
Chapter 2: The Chemical Dissolution of Silicon
Chapter Author(s): Dr. Volker Lehmann
Download this chapter in PDF format (Size: 261K)
The Basics of Wet Processing of Silicon
Silicon Surface Conditions and Cleaning Procedures
The Hydrophobic Silicon Surface
The Hydrophilic Silicon Surface
Chemical Etching in Alkaline Solutions
Chemical Etching in Acidic Solutions
Defect and Junction Delineation
Selective Etching of Common Thin Film Materials
KEYWORDS
chemical dissolution; wet processing of silicon; surface conditions; cleaning procedures; chemical etching; defect delineation; junction delineation; selective etching; thin film materials
DIGITAL OBJECT IDENTIFIER (DOI)
10.1002/3527600272.ch2 About DOI
AUTHOR DETAILS
Dr. Volker Lehmann
Infineon Technologies AG, Co

Chapter Summary
Analogous to a journal article's abstract, this unique summary—created especially for online presentation—allows you to quickly scan the coverage in the chapter, as well as critical information on its keywords, DOI citation, and author details. Chapter summaries are available free to all web users.


Electrochemistry of Silicon: Instrumentation, Science, Materials and Applications
Volker Lehmann
Copyright © 2002 Wiley-VCH Verlag GmbH
ISBNs: 3-527-29321-5 (Hardcover); 3-527-60027-2 (Electronic)
2
The Chemical Dissolution of Silicon
2.1
The Basics of Wet Processing of Silicon
Chemical dissolution of silicon can be performed in liquid as well as gaseous media. The latter is known as dry etching or reactive ion etching (RIE) [Ja3] and is an irreplaceable technique in today's microelectronic manufacturing. However, about 30% of the total number of process steps for the fabrication of today's integrated circuits are still wet etching and cleaning procedures, illustrating the importance of wet processing.
To treat all the different wet processes for silicon wafers developed in the last five decades exhaustively would make up a book of its own. However, a few basic
REMOVAL RATE [nm/min]
POLISHING SLURRY pH
CONTACT ANGLE
POLISHING SLURRY pH
Different chemical treatments for silicon can be categorized depending on the condition of the Si surface after the clean. The two basic surface conditions for a silicon surface are hydrophobic and hydrophilic.

Chapter Full Text PDF
All full text chapters are presented in PDF format, matching the layout of the print book exactly. All figures, tables, and legends are in place, along with page numbers and headers. Access to the full text of chapters is available only to subscribing customers.

Free to all web users:
Complete Front Matter and Index

For all online books, PDF files of the front matter and index are can be viewed by any web user, regardless of whether or not they subscribe. This typically includes all copyright information, a Preface and/or Foreword, table of contents, and the comprehensive topic index citing page numbers. This information is invaluable to anyone evaluating the content of a specific book, and is unavailable from any other single online source.

Section 6.1
REFERENCE WORKS

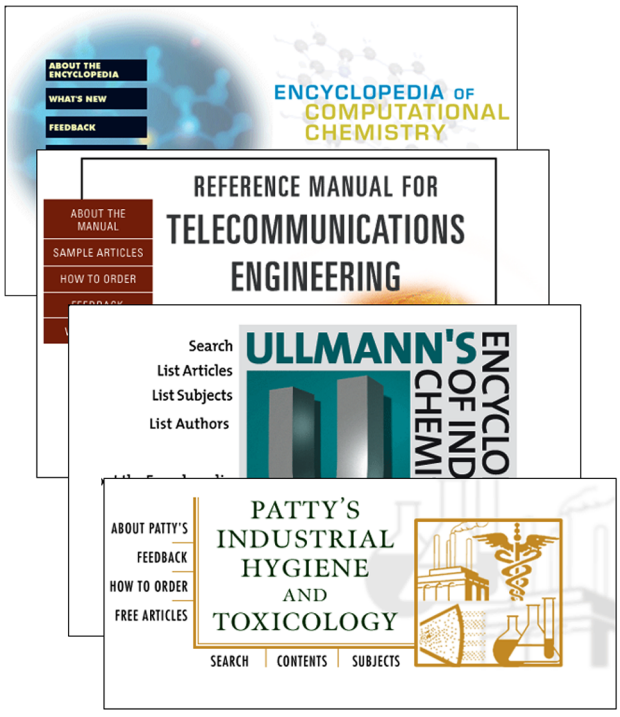
A select group of stand-alone major references works—representing a huge volume of field-critical content—is now available online via **Wiley InterScience**. Each reference work has its own designated home page and dedicated search functionality designed to take advantage of its unique organization of content.

Reference Subject Areas:

- Business, Finance & Management
- Chemistry
- Earth and Environmental Science
- Engineering
- General Science
- Life and Medical Sciences

Some of the Wiley Reference Works available online:

- Encyclopedia of Computational Chemistry
- Current Protocols Lab Manuals
- Electronic Encyclopedia of Reagents for Organic Synthesis
- Encyclopedia of Imaging Science and Technology
- Kirk Othmer Encyclopedia of Chemical Technology
- Encyclopedia of Molecular Biology and Molecular Medicine
- Patty's Industrial Hygiene and Toxicology
- Encyclopedia of Polymer Science and Technology
- Reference Manual for Telecommunications Engineering
- Encyclopedia of Software Engineering
- Ullmann's Encyclopedia of Industrial Chemistry
- Wiley Encyclopedia of Electrical and Electronics Engineering
- Scientific and Technical Acronyms, Symbols and Abbreviations
- ExpressExec business knowledge
- Devlin's Textbook of Biochemistry



What is a License? A License is an agreement where a customer is permitted to access content on the system, and may be based on a paid subscription or a complementary arrangement.

This section refers to licenses with an institutional customer encompassing multiple individual users, such as a university or corporation, or a library consortia.

Section 7.1
LICENSE OPTIONS

Wiley is pleased to introduce for 2002 four flexible subscription and licensing options for institutional customers, with electronic access provided by **Wiley InterScience**, Wiley's online content delivery service:

Option	Pricing
E-Access via the **Basic Access License** plus print	Journal Base Subscription Price + 5%
E-Access only via the **Basic Access License**	Journal Base Subscription Price
Print Only	Journal Base Subscription Price
E-Access via the **Enhanced Access License**	Negotiated

Section 7.2
BASIC ACCESS LICENSE (BAL)

BAL and Print Subscriptions for 2002

Basic Access License (BAL) and Print Subscriptions for 2002
Whether you choose e-access or print, the annual journal base subscription price is the same. For an additional 5% over the base fee, you may choose an e-access plus print package. The **Basic Access License** allows single site customers to license access on a title-by-title basis. Features of the BAL include:

- Purchase electronic access only for the titles you want, with or without print. Seamless IP address access to full text of licensed titles for all authorized users
  - customer is limited to a ***single site***
  - a "site" is defined as a single, geographically contiguous office building or complex or campus location. It is not a mailing address and may include more than one library

- Customers who activated their **BAL** before December 31, 2001 will retain access to all available online back volumes through January 1996 for currently subscribed journals; customers who activate access for the first time in 2002 will receive access to all material published in 2002. Access to back volumes can be licensed by New BAL customers in 2002 for the following one time fees.
  - Customers who subscribed to back volumes in print - 10% of current year journal base subscription fee for access to 2001 only, 15% of current year base fee for access to all back volumes through January 1997.
  - Customers who have not subscribed to back volumes in print - 20% of current year journal base subscription fee for access to 2001 only, 40% of current year base fee for access to all back volumes through January 1997.

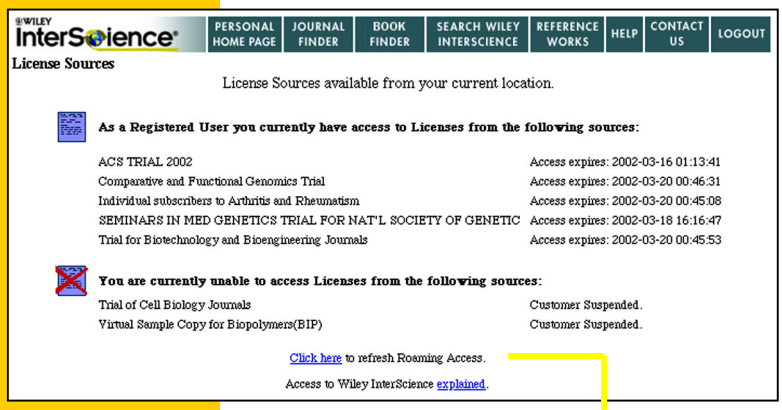
Section 7.3
ENHANCED ACCESS LICENSE (EAL)

The Enhanced Access License (EAL) offers unlimited, seamless IP-address access via **Wiley InterScience** for all of your authorized users to all Wiley titles in your collection. It is available to any institution or consortia —from a single library to a multi-national corporation—and does not tie access to a geographical site. Key features and benefits of the EAL include:

- Unlimited concurrent use of licensed titles, including current year and online back volumes to January 1997
- **Roaming Access** for authorized users wherever they are, inside or outside your network, at home or at work.
- **ArticleSelect** provides access to individual articles from titles outside your collection.
- Monthly **Usage Reports** offering title-by-title details, designed to comply with ICOLC guidelines.
- Unbundled print and e-access. Purchase print subscriptions at 10% of list price (90% discount)
- Licenses of 1 to 5 years in duration with negotiable price caps, depending on duration.
- A designated account manager to handle all your licensing needs.

Section 7.4
ROAMING ACCESS

Offered exclusively to users affiliated with EAL customers, **Roaming Access** enables access to licensed content from outside the IP address range of your institution. Whether at home, traveling or visiting another institution, your users will always have access to your **Wiley InterScience** content.


InterScience
PERSONAL HOME PAGE
JOURNAL FINDER
BOOK FINDER
SEARCH WILEY INTERSCIENCE
REFERENCE WORKS
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As a Registered User you currently have access to Licenses from the following sources:
ACS TRIAL 2002 Access expires: 2002-03-16 01:13:41
Comparative and Functional Genomics Trial Access expires: 2002-03-20 00:46:31
Individual subscribers to Arthritis and Rheumatism Access expires: 2002-03-20 00:45:08
SEMINARS IN MED GENETICS TRIAL FOR NAT'L SOCIETY OF GENETIC Access expires: 2002-03-18 16:16:47
Trial for Biotechnology and Bioengineering Journals Access expires: 2002-03-20 00:45:53
You are currently unable to access Licenses from the following sources:
Trial of Cell Biology Journals Customer Suspended.
Virtual Sample Copy for Biopolymers(BIP) Customer Suspended.
Click here to refresh Roaming Access.
Access to Wiley InterScience explained.

To activate **Roaming Access**:

1. The user must first be a **Wiley InterScience** Registered User with a valid username and password.
2. They should access the site from within the institution's IP range.
3. Login and go to the **Personal Home Page**, and click on the **License Sources** button.
4. At the bottom of the page, is a link that will activate **Roaming Access** for 90 days. After that, the user should follow the same procedure to refresh their access.

To activate Roaming Access: (For EAL users only)

1. Become a Registered User
2. Access from EAL's IP range
3. Login to Personal Home Page and click License Sources
4. Click Roaming Access link

Refresh every 90 days

Section 7.5
ARTICLE SELECT™

This provides access to articles in nonsubscribed journals to authorized users affiliated with Enhanced Access License (EAL) customers. EAL customers receive **ArticleSelect** access tokens based on license term and value. Additional tokens can be purchased on a prepaid, deposit-account basis. These purchases can be made at any time during the term of the license and tokens are good for two years after they are purchased.

Once an article is accessed with an **ArticleSelect** token , authorized users will have the right to revisit for up to 24 hours. Content usage is governed by the terms of the EAL.

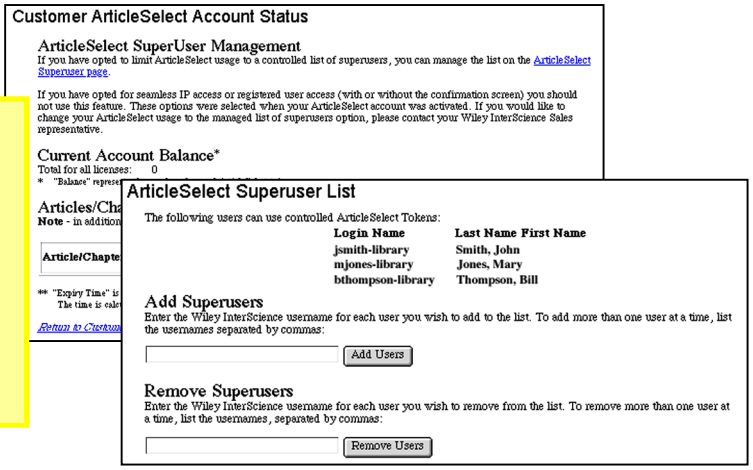
Auto-subscribe with ArticleSelect

If a customer spends tokens on a specific journal equal to 115% of its subscription value under the license, the customer will be considered a subscriber and will no longer need to spend tokens to access articles from that journal.

Licensee's Article Select Access Control Options
Option 1: IP address only control • An Authorized User must come to Wiley InterScience from the Licensee 's IP address to "spend" **ArticleSelect** tokens in the Licensee's account • Usage will be reported by journal and article as part of the Licensee's overall usage reports
Option 2: IP Address/User Registration Control • An Authorized User must come from a Licensee's IP address and have a valid Wiley InterScience User ID and Password to "spend" article access tokens in the Licensee's account • If the User is logged in when requesting the full text of an article, a confirmation screen will appear. If not, a message will appear advising Users that they must register with Wiley InterScience to take advantage of **ArticleSelect**. • Usage will be reported by journal and article, and by User ID.
Option 3: SuperUser Control • The Licensee chooses a small group of Authorized Users to be SuperUsers. They will become the only Authorized Users who can spend ArticleSelect Tokens. Other Authorized Users must pass their requests for articles to these SuperUsers. • If an Authorized User who is not a SuperUser requests the full text of an article in an unsubscribed journal, a message will appear advising the User that this journal is not available on a subscription basis but the article can be purchased through **ArticleSelect** and to contact the library for this service.

TIP: **Wiley InterScience** Account Administrators can access ArticleSelect Account Status information from the customer administration area at: **interscience.wiley.com/customer**

This page also allow administrators to manage certain options, such as the list of "superusers" authorized to use ArticleSelect tokens (Option 3 above)


Customer ArticleSelect Account Status
ArticleSelect SuperUser Management
If you have opted to limit ArticleSelect usage to a controlled list of superusers, you can manage the list on the ArticleSelect Superuser page.
If you have opted for seamless IP access or registered user access (with or without the confirmation screen) you should not use this feature. These options were selected when your ArticleSelect account was activated. If you would like to change your ArticleSelect usage to the managed list of superusers option, please contact your Wiley InterScience Sales representative.
Current Account Balance*
Total for all licenses: 0
ArticleSelect Superuser List
The following users can use controlled ArticleSelect Tokens:
Login Name
Last Name First Name
jsmith-library
Smith, John
mjones-library
Jones, Mary
bthompson-library
Thompson, Bill
Add Superusers
Enter the Wiley InterScience username for each user you wish to add to the list. To add more than one user at a time, list the usernames separated by commas:
Add Users
Remove Superusers
Enter the Wiley InterScience username for each user you wish to remove from the list. To remove more than one user at a time, list the usernames, separated by commas:
Remove Users

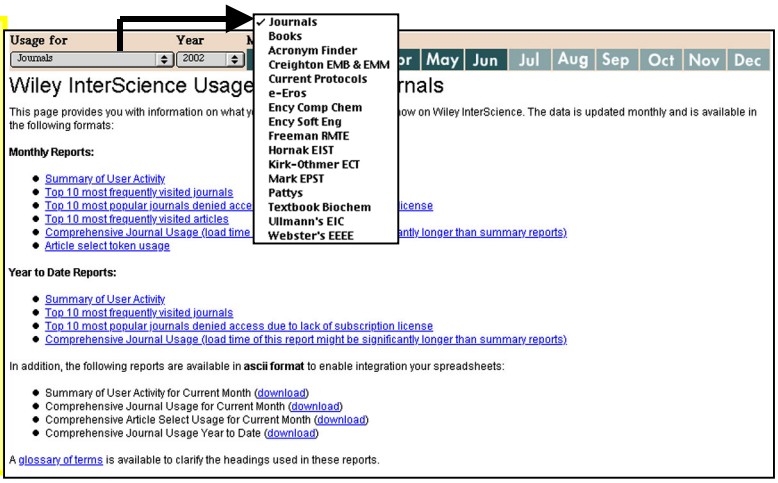
Section 7.6

USAGE STATISTICS FOR EAL CUSTOMERS

Wiley InterScience provides its Enhanced Access License (EAL) Customers with monthly statistics showing usage on an aggregate level as well as by publication. They follow the ICOLC guidelines as outlined at *http://www.library.yale.edu/consortia/2001webstats.htm*

These statistics can be viewed only by the customer's authorized staff. Wiley uses these statistics only for internal reporting purposes. You can access your institution's statistics by logging into your customer administration page **www.interscience.wiley.com/customer** Once you've logged in, You will then be able to access a series of reports based on your institution's **Wiley InterScience** holdings.

- Select reports for journals, Current Protocols, individual reference works, or online books, and choose a reporting period by month, year, or cumulative.
- View summaries of all user activity, comprehensive reports on all holdings, or the most frequently visited journals or articles
- See which non-subscribed journals your users tried to access
- Download the reports in ASCII format for import into spreadsheet or database systems.



Glossary of Terms Used in Wiley InterScience Usage Reports

User Sessions	User visits to Wiley InterScience from customer URL
Hits/Requests	Each time a user connects with Wiley InterScience (if the page being downloaded has 5 graphics on it, downloading will register as 6 hits)
Searches	Searches that were actually run in Wiley InterScience, not visits to the "Search" pages.
ToCs	Table of Contents
Turnaways	When users are unable to view full text because the customer concurrent user level is exceeded
Access Denied	When users are unable to view article full text because the customer doesn't subscribe to the journals. In some cases, however, users may be denied access for the following reasons: • Changes to IP ranges were made during the usage month. • You no longer subscribe to a journal, but did in the past. • A user manually typed in an incorrect table of contents or article URL.
Article views (PDF/HTML)	When article full text is downloaded and in what format
Views from searches	When user chooses to view the an Abstract or Article appearing in the search results
Views from ToC browse	When user chooses to view an Abstract or Article listed in a Table of Contents
Abstract Views Total	Abstracts viewed resulting from searches and from ToC browsing combined

Additional Terms on the Usage Statistics for Books

Collection	Totals for all books in one of the nine subject collections, (e.g. OrganicChemistry and Biochemistry)
Chapter summary	Visits to any of the free summaries which are available for each chapter., similar to article abstracts.
Chapter text	Accesses to the full text of book chapters. This includes the free "Front matter & index" chapters.

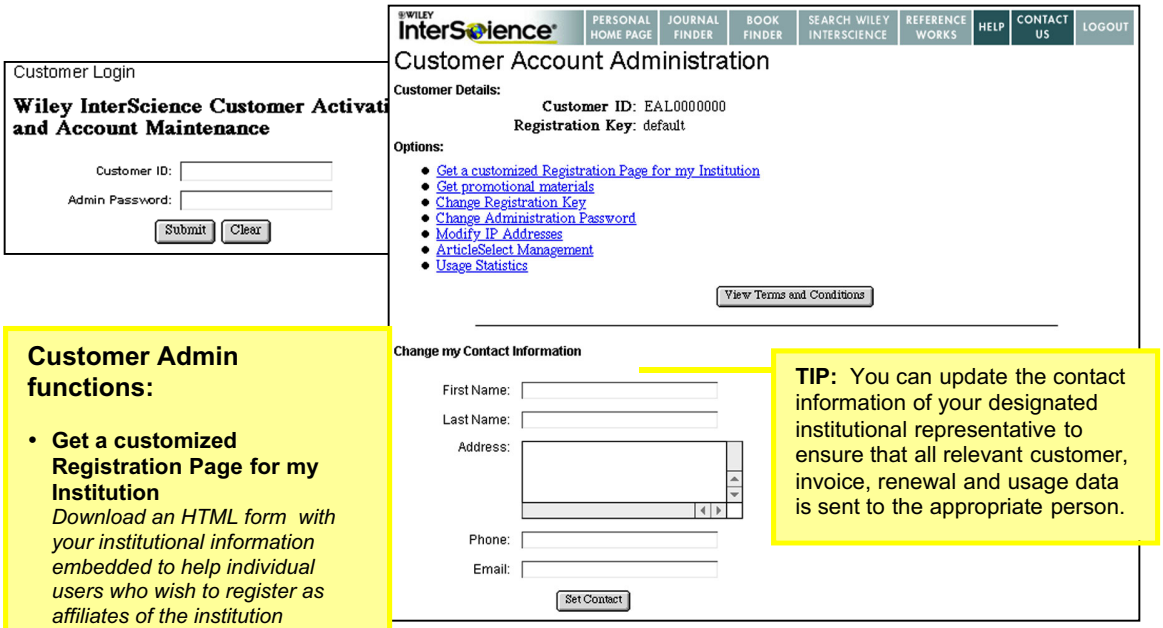
A Note on the Usage Statistics for Reference Works and Current Protocols

These reports vary depending on the organization of the individual work, but the general terms and our counting practices are the same as for the other publications on **Wiley InterScience**. Note that full-text accesses to reference works should not be compared across publications, as some of them consist of thousands of small entries while others contain articles of 100 pages or more.

Section 7.7

Customer Account Administration (Admin Page)

All institutional customers of **Wiley InterScience** have access to an administration area. Access to this Customer Admin is available only by entering the unique Customer ID and Registration Key supplied by Wiley directly to the institution's designated contact person. Once the customer administrator has logged in, they'll have a number of options on how to customize access for their users or obtain critical information about the system.



Customer Admin functions:

- **Get a customized Registration Page for my Institution**
  Download an HTML form with your institutional information embedded to help individual users who wish to register as affiliates of the institution
- **Get promotional materials**
  Download the latest user guide or reference card to help your users get the most out of Wiley InterScience.
- **Change Registration Key or Administration Password**
- Update these Wiley-supplied items to whatever you choose.
- **Modify IP Addresses**
  Update the IP range used to identify users on your network for your institutional access.

TIP: You can update the contact information of your designated institutional representative to ensure that all relevant customer, invoice, renewal and usage data is sent to the appropriate person.

For EAL Customers Only

- **ArticleSelect Management**
  View the status of your ArticleSelect account, include token balances, and change access options.
- **Usage Statistics**
  Access monthly and cumulative statistics for all publications in your Wiley InterScience holdings.